

How is the anaerobic digester a viable option in developing countries?

Name Listed are several short videos and articles that describe anaerobic digestion as a solution to a problem in a developing country in one of many locations around the globe. Choose at least 3 clips to watch/read and begin to fill in the chart below. Complete your chart by sharing information with others in class.

Country	Problem/issue/need	Description of solution

Ted Talks

Dominic Wanjihia: Using biogas to power African homes

http://www.youtube.com/watch?v=S9rDgybOWkI or

http://talentsearch.ted.com/video/Dominic-Wanjihia-Using-biogas-t;TEDNairobi Jason Clay: Biogas digesters in Africa: http://www.youtube.com/watch?v=2IQ-8yTRXLU Biogas is important for children: http://www.youtube.com/watch?v=nGMjeeExNkw Heifer Cameroon biogas project: http://www.youtube.com/watch?v=xV1bhOA86Lw EOS International-Biodigestors in Nicaragua:

http://www.youtube.com/watch?v=G7hhGwbP1dk

Humana People to People: <u>http://www.youtube.com/watch?v=X1Fwjc0XQp4</u> =gxEYW5PzWGU

Biodigester Case Studies (MIT):

http://web.mit.edu/colab/pdf/papers/D_Lab_Waste_Biodigester_Case_Studies_Report.p

Ashden Awards: http://www.youtube.com/watch?v=bKfjC5Hq0hU

TradeplusAid Biogas Digester Program: <u>http://www.youtube.com/watch?v=B-ThUYgISJk</u> Dell Social Innovation Challenge:

http://www.dellchallenge.org/projects/biodigester-initiative

Cereplast

http://www.cereplast.com/biodigesters-developing-countries-look-to-a-new-source-ofenergy-in-hopes-of-a-sustainable-future/